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SPRING

1951

EVERGREEN LINERS

**McININCH
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ST. JOSEPH, MISSOURI



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SPRING EVERGREEN LINERS

Pfitzer Juniper—*Juniperus chinensis pfitzeriana*. Perfect all-purpose shrub evergreen. Outsell all others.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Also a few 2-yr. 6-8 in., \$20.00 per 100.

Savin's Juniper—*Juniperus sabina*. Very pretty vase shaped spreading evergreen. When planted in unfavorable situations it may become open and leggy at the base after a few years.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Andorra Juniper—*Juniperus horizontalis plumosa*. Has blue-green summer foliage which turns red in winter. Grows to a height of 16 inches and spreads to 4 feet. Suitable for foundations, beds, terraces, specimens. A real satisfactory plant when sold small enough so that layering of side branches does not interfere with central root system.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Procumbens Juniper—*Juniperus procumbens*. Grows less than one foot high with bluish-green needles. Spreads to 6 or 8 feet.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Von ehron Juniper—*Juniperus sabina von ehron*. Due to its rapid growth and consequent dense foliage induced by trimming it is very good for hedges and for staking into upright specimens. Limited supply.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Compact Pfitzer Juniper—*J. Chin. pfitz. compacta*. Possesses all the good qualities of Pfitzer Juniper but does not grow as large. Has foliage which is more spiny and sticky than that of the Pfitzer. Very limited supply.

Bands—5-8 in., \$20.00 per 100.

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Irish Juniper—*Juniperus communis hibernica*. A perfect column of dense prickly foliage with many erect branches. Bluish-green color.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Ashford Juniper—*Juniperus communis ashfordi*. Similar to Irish, but not as narrow a column. Gray-blue green in color, fast growing. Very limited supply.

Bands—5-8 in., \$20.00 per 100.

Swedish Juniper—*Juniperus communis suecica*. Similar to Irish Juniper but wider, faster growing with more green and less blue coloring. This type of Swedish Juniper holds its green color in winter.

Bands—5-8 in., \$14.50 per 100; 8-10 in., \$20.00 per 100.

Spreading Jap Yew—Perfect all-purpose shrub evergreen in sun or shade. Should be used in place of Pfitzers in shady locations. Yews are hardy, not subject to pests or diseases. As green in January as in July. Will greatly increase in popularity. In this area *Taxus* liners are difficult to establish in the field without planting losses. If you will put a Cloverset pot around each plant and leave it there permanently you will not only stop planting losses but give the plants a chance to really grow. By this method 1-year plants can be planted in the field. Instead of selling Pfitzers for the north side of the house and feeling ashamed of yourself, you can sell *Taxus* and look your customer in the eye.

Bands—1-yr., 4-6 in., \$14.50 per 100; 2-yr., 5-8 in., \$20.00 per 100.

Upright Jap Yew—*Taxus cusp. capitata*. Broadly pyramidal. Ideal perfect evergreen. Suitable for foundations, corners, specimens, hedges. All *Taxus* grown from cuttings.

Bands—1-yr., 4-6 in., \$14.50 per 100; 2-yr., 5-8 in., \$20.00 per 100.

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Euonymus Radicans (fortunei) Vegetus—Big Leaf Winter-creeper. Will climb as a vine and cling to walls if not trimmed into a bush. Leaves are of heavy texture and retain their color through the winter.

Bands—\$14.00 per 100.

Euonymus Patens (kiautschovica)—Has lush, shiny, partially evergreen leaves from very early spring until well into winter. Bears a fall crop of berries, pink when immature, orange-red on emerging from white seed coats. Leaves turn brown as severe winter weather occurs and remains on the bush. Has a summer crop of small creamy white flowers, attractive to flies, bugs and moths, easily repelled by DDT or probably other sprays. This is a most interesting and attractive shrub with a multitude of uses. It will grow up to 10 feet high, makes a lovely hedge of any height, will grow in narrow places, clings to stucco, stone or brick, will grow in sun or shade and is very hardy. Usually handled balled and burlapped and will make money for anyone in the evergreen business who plants it. We offer two types, Large and Small Leaf. Small leaf holds its foliage longer in the winter than the large leaf, has a lot more leaves and denser foliage held clear down to the ground and is more suitable for hedges under 2 feet in height as it does not grow as tall. Our small leaf patens is not to be confused with *E. carrieri* which has a still smaller leaf and is a variety of *E. fortunei* (radicans) and blooms earlier in the summer. There is considerable leaf variation in different stages of growth of *E. patens*. Our plants are wintered in the greenhouse and really will grow next summer in the field.

Bands—\$14.50 per 100. Large or Small Leaf.

Euonymus Coloratus—Beautiful leaves with white veins which turn red in winter. Useful for ground cover, for banks and as a wall climber in sun or shade.

Branched field plants—12-15 in., \$14.50 per 100.

Heavy summer frame rooted cuttings—\$5.00 per 100.

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Vinca Minor—Bowles variety. Has many more flowers than the common variety, larger and brighter. Leaves are larger, wider, thicker and more glossy.

Field plants—\$14.50 per 100.

ALL ABOVE PRICES ARE FOR 300 OR MORE, TOTAL ORDER. IF TOTAL ORDER IS LESS THAN 300, PRICE IS 16 INSTEAD OF 14½, 22 INSTEAD OF 20c, 6 INSTEAD OF 5c.

A VERY IMPORTANT POINT IN PLANTING OUR BANDED PLANTS IS **LEAVE THE BANDS ON AND PLANT DEEP. DO NOT REMOVE THE BANDS FROM THE PLANTS AT ALL.** They can stand a long dry spell if they have to. If bands are removed moisture and root hairs are no longer sealed in.

If you had good growth from our plants last summer on account of the fine growing season, you can count on the same thing every year. Banded plants always grow better than you think they will. The roots do not grow around the ball of dirt as in potted plants but through it.

We can ship by express or truck freight or occasionally by l. c. l. railroad freight. Truck freight usually costs less than \$1.00 per 100 plants and is somewhat slower than express. Most of our customers prefer truck shipment. If good connections cannot be made we must send by express. We cannot ship by Parcel Post. 100 plants weigh nearly 40 pounds. We acknowledge orders and will notify you when and how shipment has been made.

ALL PRICES F. O. B. ST. JOSEPH, MO.

Send your orders for the new book "Garden Guide for the Midwest" to Frank Glenn Pub. Co. 107 W. 11th, Kansas City, Mo. \$3.75. Author in Stanley McLane of J. C. Nichols Co. Kansas City builders. He is held in high esteem by engineers, builders and the real estate and nursery trade in this area.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), 10⁹ cells/ml (◇), and 10¹⁰ cells/ml (×). The error bars represent the standard deviation of three independent experiments.

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MCININCH GREENHOUSES

St. Joseph, Mo.

To Library, U.S. Dept. of Agriculture

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